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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet: 1 of: 26

### Complete if Known

Application Number	10/711,829
Filing Date	October 7, 2004
First Named Inventor	Whitesides
Art Unit	2673
Examiner Name	Choi, William C.
Attorney Docket No.	H-396

### U.S. Patent Documents

Examiner Initials*	Cite No. *1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Locations Where Relevant Passages or Figures Appear
WC	A1	H1828	01/04/2000	Wong et al.	
	A2	20050151709	07/14/2005	Jacobson et al.	
	A3	20050122563	06/09/2005	Honeyman et al.	
	A4	20050067656	03/31/2005	Denis et al.	
	A5	20050062714	03/24/2005	Zehner et al.	
	A6	20050041004	02/24/2005	Gates et al.	
	A7	20050035941	02/17/2005	Albert et al.	
	A8	20050024353	02/03/2005	Amundson et al.	
	A9	20050018273	01/27/2005	Honeyman et al.	
	A10	20050017944	01/27/2005	Albert	
	A11	20050012980	01/20/2005	Wilcox et al.	
	A12	20050007653	01/13/2005	Honeyman et al.	
	A13	20050007336	01/13/2005	Albert et al.	
	A14	20050001812	01/06/2005	Amundson et al.	
	A15	20050000813	01/06/2005	Pullen et al.	
	A16	20040263947	12/30/2004	Drzaic et al.	
	A17	20040257635	12/23/2004	Paolini, Jr. et al.	
	A18	20040252360	12/16/2004	Webber et al.	
	A19	20040239614	12/02/2004	Amundson et al.	
	A20	20040226820	11/18/2004	Webber et al.	
	A21	20040196215	10/07/2004	Duthaler et al.	
	A22	20040190114	09/30/2004	Jacobson et al.	
	A23	20040180476	09/16/2004	Kazlas et al.	
	A24	20040155857	08/12/2004	Duthaler et al.	
	A25	20040119681	06/24/2004	Albert et al.	
	A26	20040112750	06/17/2004	Jacobson et al.	
	A27	20040105036	06/03/2004	Danner et al.	
	A28	20040094422	05/20/2004	Pullen et al.	
▼	A29	20040075634	04/22/2004	Gates	
	A30	20040027327	02/12/2004	LeCain et al.	

Examiner Signature	Date Considered
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Sheet: 2 of 26

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Application Number	10/711,829
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First Named Inventor	Whitesides
Art Unit	2673
Examiner Name	Choi, William C.

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**U.S. Patent Documents**

Examiner Initials*	Cite No. *1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Locations Where Relevant Passages or Figures Appear
WC	A31	20040027327	02/12/2004	LeCain et al.	
	A32	20040014265	01/22/2004	Kazlas et al.	
	A33	20030222315	12/04/2003	Amundson et al.	
	A34	20030222315	12/04/2003	Amundson et al.	
	A35	20030214695	11/20/2003	Abramson et al.	
	A36	20030151702	08/14/2003	Morrison et al.	
	A37	20030137521	07/24/2003	Zehner et al.	
	A38	20030132908	07/17/2003	Herb et al.	
	A39	20030102858	06/05/2003	Jacobson et al.	
	A40	20030011560	01/16/2003	Albert et al.	
	A41	20020180687	12/05/2002	Webber	
	A42	20020130832	09/19/2002	Baucom et al.	
	A43	20020113770	08/22/2002	Jacobson et al.	
	A44	20020090980	07/11/2002	Wilcox et al.	
	A45	20020063661	05/30/2002	Comiskey et al.	
	A46	20020060321	05/23/2002	Kazlas et al.	
	A47	6967640	11/22/2005	Albert et al.	
	A48	6958848	10/25/2005	Cao et al.	
	A49	6950220	09/27/2005	Abramson et al.	
	A50	6922276	07/26/2005	Zhang et al.	
	A51	6870661	03/22/2005	Pullen et al.	
	A52	6870657	03/22/2005	Fitzmaurice et al.	
	A53	6866760	03/15/2005	Paolini, Jr. et al.	
	A54	6865010	03/08/2005	Duthaler et al.	
	A55	6864875	03/08/2005	Drzaic et al.	
	A56	6859302	02/22/2005	Liang et al.	
	A57	6842657	01/11/2005	Drzaic et al.	
	A58	6842279	01/11/2005	Amundson	
▼	A59	6842167	01/11/2005	Albert et al.	
	A60	6839158	01/04/2005	Albert et al.	

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Sheet: 3 of 26

## Complete if Known

Application Number	10/711,829
Filing Date	October 7, 2004
First Named Inventor	Whitesides
Art Unit	2673
Examiner Name	Choi, William C.

Attorney Docket No. H-396

## U.S. Patent Documents

Examiner Initials*	Cite No. *1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Locations Where Relevant Passages or Figures Appear
WC	A61	6831769	12/14/2004	Holman et al.	
	A62	6825970	11/30/2004	Goenaga et al.	
	A63	6825829	11/30/2004	Albert et al.	
	A64	6825068	11/30/2004	Denis et al.	
	A65	6822782	11/23/2004	Honeyman et al.	
	A66	6819471	11/16/2004	Amundson et al.	
	A67	6816147	11/09/2004	Albert	
	A68	6788449	09/07/2004	Liang et al.	
	A69	6753999	06/22/2004	Zehner et al.	
	A70	6727881	04/27/2004	Albert et al.	
	A71	6724519	04/20/2004	Comiskey et al.	
	A72	6721083	04/13/2004	Jacobson et al.	
	A73	6710540	03/23/2004	Albert et al.	
	A74	6704133	03/09/2004	Gates et al.	
	A75	6693620	02/17/2004	Herb et al.	
	A76	6683333	01/27/2004	Kazlas et al.	
	A77	6680725	01/20/2004	Jacobson	
	A78	6672921	01/06/2004	Liang et al.	
	A79	6664944	12/16/2003	Albert et al.	
	A80	6657772	12/02/2003	Loxley	
	A81	6639578	10/28/2003	Comiskey et al.	
	A82	6580545	06/17/2003	Morrison et al.	
	A83	6545291	04/08/2003	Amundson et al.	
	A84	6538801	03/25/2003	Jacobson et al.	
	A85	6535197	03/18/2003	Comiskey et al.	
	A86	6531997	03/11/2003	Gates et al.	
	A87	6521489	02/18/2003	Duthaler et al.	
	A88	6518949	02/11/2003	Drzaic	
▼	A89	6515649	02/04/2003	Albert et al.	
	A90	6512354	01/28/2003	Jacobson et al.	

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet: 4 of 26

## Complete if Known

Application Number	10/711,829
Filing Date	October 7, 2004
First Named Inventor	Whitesides
Art Unit	2673
Examiner Name	Choi, William C.
Attorney Docket No.	H-396

## U.S. Patent Documents

Examiner Initials*	Cite No. *1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Locations Where Relevant Passages or Figures Appear
WC	A91	6506438	01/14/2003	Duthaler et al.	
	A92	6504524	01/07/2003	Gates et al.	
	A93	6498114	12/24/2002	Amundson et al.	
	A94	6480182	11/12/2002	Turner et al.	
	A95	6473072	10/29/2002	Comiskey et al.	
	A96	6459418	10/01/2002	Comiskey et al.	
	A97	6445489	09/03/2002	Jacobson et al.	
	A98	6445374	09/03/2002	Albert et al.	
	A99	6422687	07/23/2002	Jacobson	
	A100	6413790	07/02/2002	Duthaler et al.	
	A101	6398858	06/04/2002	Yu et al.	
	A102	6392786	05/21/2002	Albert	
	A103	6392785	05/21/2002	Albert et al.	
	A104	6377387	04/23/2002	Duthaler et al.	
	A105	6376828	04/23/2002	Comiskey	
	A106	6327072	12/04/2001	Comiskey et al.	
	A107	6323989	11/27/2001	Jacobson et al.	
	A108	6312971	11/06/2001	Amundson et al.	
	A109	6312304	11/06/2001	Duthaler et al.	
	A110	6301038	10/09/2001	Fitzmaurice et al.	
	A111	6301038	10/09/2001	Fitzmaurice et al.	
	A112	6300932	10/09/2001	Albert	
	A113	6271823	08/07/2001	Gordon, II et al.	
	A114	6262833	07/17/2001	Loxley et al.	
	A115	6262706	07/17/2001	Albert et al.	
	A116	6252564	06/26/2001	Albert et al.	
	A117	6249271	06/19/2001	Albert et al.	
	A118	6241921	06/05/2001	Jacobson et al.	
	A119	6235829	05/22/2001	Kwan	
	A120	6232950	05/15/2001	Albert et al.	

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Sheet: 5 of 26

## Complete if Known

Application Number	10/711,829
Filing Date	October 7, 2004
First Named Inventor	Whitesides
Art Unit	2673
Examiner Name	Choi, William C.

Attorney Docket No. H-396

## U.S. Patent Documents

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WC	A121	6225971	05/01/2001	Gordon , II et al.	
	A122	6221143	04/24/2001	Palumbo	
	A123	6215920	04/10/2001	Whitehead et al.	
	A124	6197883	03/06/2001	Schimmel et al.	
	A125	6191225	02/20/2001	Barkac et al.	
	A126	6184856	02/06/2001	Gordon , II et al.	
	A127	6177921	01/23/2001	Comiskey et al.	
	A128	6172798	01/09/2001	Albert et al.	
	A129	6162882	12/19/2000	Matyjaszewski et al.	
	A130	6153705	11/28/2000	Coupart et al.	
	A131	6147791	11/14/2000	Sheridon	
	A132	6144361	11/07/2000	Gordon , II et al.	
	A133	6137467	10/24/2000	Sheridon et al.	
	A134	6137012	10/24/2000	Fagan et al.	
	A135	6130774	10/10/2000	Albert et al.	
	A136	6130773	10/10/2000	Jacobson et al.	
	A137	6128124	10/03/2000	Silverman	
	A138	6124851	09/26/2000	Jacobson	
	A139	6124411	09/26/2000	Matyjaszewski et al.	
	A140	6121371	09/19/2000	Matyjaszewski et al.	
	A141	6120839	09/19/2000	Comiskey et al.	
	A142	6120588	09/19/2000	Jacobson	
	A143	6118426	09/12/2000	Albert et al.	
	A144	6117368	09/12/2000	Hou	
	A145	6113810	09/05/2000	Hou et al.	
	A146	6111022	08/29/2000	Matyjaszewski et al.	
	A147	6103380	8/15/00	Devonport	
	A148	6097531	08/01/2000	Sheridon	
✓	A149	6091382	7/18/00	Shioya et al.	
	A150	6071980	06/06/2000	Guan et al.	

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				Filing Date	October 7, 2004
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				Examiner Name	Choi, William C.
Sheet: 6 of 26				Attorney Docket No.	H-396

<b>U.S. Patent Documents</b>					
Examiner Initials*	Cite No. *1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Locations Where Relevant Passages or Figures Appear
WC	A151	6069205	05/30/2000	Wang	
	A152	6068688	05/30/2000	Whitehouse et al.	
	A153	6067185	05/23/2000	Albert et al.	
	A154	6064784	05/16/2000	Whitehead et al.	
	A155	6055180	04/25/2000	Gudesen et al.	
	A156	6055091	04/25/2000	Sheridon et al.	
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	A158	6025896	02/15/2000	Hattori et al.	
	A159	6017584	01/25/2000	Albert et al.	
	A160	5986015	11/16/1999	Midha et al.	
	A161	5968243	10/19/99	Belmont et al.	
	A162	5964935	10/12/99	Chen et al.	
	A163	5961804	10/05/1999	Jacobson et al.	
	A164	5958999	09/28/1999	Bates et al.	
	A165	5945491	08/31/1999	Matyjaszewski et al.	
	A166	5932633	8/3/99	Chen et al.	
	A167	5930026	07/27/1999	Jacobson et al.	
	A168	5922118	7/13/99	Johnson et al.	
	A169	5914806	6/22/99	Gordon, II et al.	
	A170	5900858	5/4/99	Richley	
	A171	5895522	4/20/99	Belmont et al.	
	A172	5885335	3/23/99	Adams et al.	
	A173	5872552	02/16/1999	Gordon, II et al.	
	A174	5851280	12/22/98	Belmont et al.	
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	A176	5837045	11/17/98	Johnson et al.	
	A177	5828432	10/27/98	Shashidhar et al.	
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▼	A179	5808783	09/15/1998	Crowley	
	A180	5807937	09/15/1998	Matyjaszewski et al.	

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Sheet: 7	of 26	Attorney Docket No. H-396
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WC	A181	5803959	9/8/98	Johnson et al.	
	A182	5789487	08/04/1998	Matyjaszewski et al.	
	A183	5783614	7/21/98	Chen et al.	
	A184	5777782	07/07/1998	Sheridon	
	A185	5767826	06/16/1998	Sheridon et al.	
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	A187	5760761	06/02/1998	Sheridon	
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	A193	5745094	04/28/1998	Gordon , II et al.	
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	A197	5737115	04/07/1998	Mackinlay et al.	
	A198	5729632	03/17/1998	Tai	
	A199	5725935	3/10/98	Rajan	
	A200	5717515	02/10/1998	Sheridon	
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	A202	5717283	02/10/1998	Biegelsen et al.	
	A203	5716550	2/10/98	Gardner et al.	
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	A206	5714270	2/3/98	Malhotra et al.	
	A207	5713988	2/3/98	Belmont et al.	
	A208	5709976	1/20/98	Malhotra	
✓	A209	5708525	01/13/1998	Sheridon	
	A210	5707747	01/13/1998	Tomiyama et al.	

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Sheet: 8 of 26

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First Named Inventor	Whitesides
Art Unit	2673
Examiner Name	Choi, William C.

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WC	A211	5707738	01/13/1998	Hou	
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	A213	5698016	12/16/97	Adams et al.	
	A214	5694224	12/2/97	Tai	
	A215	5693442	12/2/97	Weiss et al.	
	A216	5691098	11/25/97	Busman et al.	
	A217	5689282	11/18/1997	Wolfs et al.	
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	A226	5639914	06/17/1997	Tomiyama et al.	
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	A229	5627561	05/06/1997	Laspinia et al.	
	A230	5614340	3/25/97	Bugner et al.	
	A231	5610455	3/11/97	Allen et al.	
	A232	5604070	2/18/97	Rao et al.	
	A233	5604027	02/18/1997	Sheridon	
	A234	5597889	1/28/97	Takimoto et al.	
	A235	5582700	12/10/1996	Bryning et al.	
	A236	5575845	11/19/96	Belmont et al.	
	A237	5573711	11/12/1996	Hou et al.	
	A238	5571311	11/5/96	Belmont et al.	
✓	A239	5565885	10/15/96	Tamanoi	
	A240	5561443	10/1/96	DiSanto et al.	

Examiner Signature		Date Considered
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\*1Applicant's unique citation designation number (optional). \*2Applicant is to place a check mark here if English language Translation is attached.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet: 9 of 26

## Complete if Known

Application Number	10/711,829
Filing Date	October 7, 2004
First Named Inventor	Whitesides
Art Unit	2673
Examiner Name	Choi, William C.

Attorney Docket No. H-396

## U.S. Patent Documents

Examiner Initials*	Cite No. *1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Locations Where Relevant Passages or Figures Appear
WC	A241	5556583	9/17/96	Tashiro et al.	
	A242	5554739	9/10/96	Belmont	
	A243	5552679	9/3/96	Murasko	
	A244	5545504	8/13/96	Keoshkerian et al.	
	A245	5543219	8/6/96	Elwakil	
	A246	5512162	04/30/1996	Sachs et al.	
	A247	5508068	04/16/1996	Nakano	
	A248	5498674	03/12/1996	Hou et al.	
	A249	5467217	11/14/95	Check III	
	A250	5467107	11/14/1995	DiSanto et al.	
	A251	5463492	10/31/1995	Check III	
	A252	5421926	6/6/95	Yukinobu et al.	
	A253	5411656	05/02/1995	Schubert	
	A254	5411398	05/02/1995	Nakanishi et al.	
	A255	5403518	04/04/1995	Schubert	
	A256	5402145	3/28/95	DiSanto et al.	
	A257	5389945	02/14/1995	Sheridon	
	A258	5383008	01/17/1995	Sheridon	
	A259	5380362	01/10/1995	Schubert	
	A260	5360689	11/01/1994	Hou et al.	
	A261	5359346	10/25/1994	DiSanto et al.	
	A262	5344594	09/06/1994	Sheridon	
	A263	5315312	05/24/1994	DiSanto et al.	
	A264	5304439	4/19/94	DiSanto et al.	
	A265	5303073	4/12/94	Shirota et al.	
	A266	5302235	04/12/1994	DiSanto et al.	
	A267	5298833	03/29/1994	Hou	
	A268	5296974	3/22/94	Tada et al.	
▼	A269	5293528	03/08/1994	DiSanto et al.	
	A270	5281261	1/25/94	Lin	

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Using as many sheets as necessary)

Sheet: 10	of: 26	Attorney Docket No. H-396
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## Complete if Known

Application Number	10/711,829
Filing Date	October 7, 2004
First Named Inventor	Whitesides
Art Unit	2673
Examiner Name	Choi, William C.

## U.S. Patent Documents

Examiner Initials*	Cite No. *1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Locations Where Relevant Passages or Figures Appear
WC	A271	5279773	1/18/94	Saxe	
	A272	5279694	1/18/94	DiSanto et al.	
	A273	5279511	01/18/1994	DiSanto et al.	
	A274	5276438	01/04/1994	DiSanto et al.	
	A275	5270843	12/14/1993	Wang	
	A276	5268448	12/7/93	Buechner et al.	
	A277	5266937	11/30/1993	DiSanto et al.	
	A278	5262098	11/16/1993	Crowley et al.	
	A279	5254981	10/19/1993	DiSanto et al.	
	A280	5250938	10/5/93	DiSanto et al.	
	A281	5250932	10/05/1993	Yoshimoto et al.	
	A282	5247290	09/21/1993	DiSanto et al.	
	A283	5223823	6/29/93	DiSanto et al.	
	A284	5223115	06/29/1993	DiSanto et al.	
	A285	5216416	06/01/1993	DiSanto et al.	
	A286	5213983	5/25/93	Gustafsson et al.	
	A287	5204424	4/20/93	Roncali et al.	
	A288	5187609	02/16/1993	DiSanto et al.	
	A289	5185226	2/9/93	Grosso et al.	
	A290	5177476	1/5/93	DiSanto et al.	
	A291	5174882	12/29/1992	DiSanto et al.	
	A292	5151032	09/29/1992	Igawa	
	A293	5149826	9/22/92	Delabougline et al.	
	A294	5138472	08/11/1992	Jones et al.	
	A295	5132049	7/21/92	Garreau et al.	
	A296	5128785	7/7/92	Yoshimoto et al.	
	A297	5119218	6/2/92	Yoshimoto et al.	
	A298	5105185	04/14/1992	Nakanowatari et al.	
▼	A299	5082351	01/21/1992	Fergason	
	A300	5077157	12/31/1991	DiSanto et al.	

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet: 11 of: 26

## Complete if Known

Application Number	10/711,829
Filing Date	October 7, 2004
First Named Inventor	Whitesides
Art Unit	2673
Examiner Name	Choi, William C.
Attorney Docket No.	H-396

## U.S. Patent Documents

Examiner Initials*	Cite No. *1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Locations Where Relevant Passages or Figures Appear
WC	A301	5070326	12/3/91	Yoshimoto et al.	
	A302	5066946	11/19/1991	DiSanto et al.	
	A303	5066559	11/19/91	Elmasry et al.	
	A304	5066105	11/19/91	Yoshimoto et al.	
	A305	5059694	10/22/91	Delabougline et al.	
	A306	5057363	10/15/1991	Nakanishi	
	A307	5053763	10/01/1991	DiSanto et al.	
	A308	5041824	8/20/91	DiSanto et al.	
	A309	5017225	05/21/1991	Nakanishi et al.	
	A310	5009490	4/23/91	Kuono et al.	
	A311	4985329	1/15/91	El-Sayed et al.	
	A312	4947219	8/7/90	Boehm	
	A313	4946509	8/7/90	Schwartz et al.	
	A314	4931019	6/5/90	Park	
	A315	4919521	4/24/90	Tada et al.	
	A316	4909959	3/20/90	Lemaire et al.	
	A317	4902570	2/20/90	Heinemann et al.	
	A318	4892607	01/09/1990	DiSanto et al.	
	A319	4891245	1/2/90	Micale	
	A320	4889603	12/26/89	DiSanto et al.	
	A321	4888309	12/19/1989	Araya	
	A322	4877698	10/31/89	Watson et al.	
	A323	4846893	7/11/89	Akasaki et al.	
	A324	4833464	05/23/1989	DiSanto et al.	
	A325	4832458	05/23/1989	Fergason et al.	
	A326	4824208	04/25/1989	Fergason et al.	
	A327	4810305	3/7/89	Braun et al.	
	A328	4776675	10/11/1988	Takauchi et al.	
✓	A329	4772103	09/20/1988	Saxe	
	A330	4772102	09/20/1988	Fergason et al.	

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Using as many sheets as necessary)

Sheet: 12 of: 26

## Complete if Known

Application Number	10/711,829
Filing Date	October 7, 2004
First Named Inventor	Whitesides
Art Unit	2673
Examiner Name	Choi, William C.

Attorney Docket No. H-396

## U.S. Patent Documents

Examiner Initials*	Cite No. *1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Locations Where Relevant Passages or Figures Appear
WC	A331	4748366	5/31/88	Taylor	
	A332	4746917	05/24/1988	DiSanto et al.	
	A333	4742345	5/3/88	DiSanto et al.	
	A334	4732830	3/22/88	DiSanto et al.	
	A335	4726662	02/23/1988	Cromack	
	A336	4707080	11/17/1987	Fergason	
	A337	4690749	9/1/87	Van Alstine et al.	
	A338	4680103	7/14/87	Beilin et al.	
	A339	4665107	5/12/87	Micale	
	A340	4661408	4/28/87	Lau et al.	
	A341	4655897	4/7/87	DiSanto et al.	
	A342	4648956	3/10/87	Marshall et al.	
	A343	4643528	02/17/1987	Bell, Jr.	
	A344	4639403	01/27/1987	Podszun et al	
	A345	4620916	11/04/1986	Zwemer et al.	
	A346	4594271	6/10/86	Scholten et al.	
	A347	4543306	9/24/85	Dubois et al.	
	A348	4530961	7/23/85	Nguyen et al.	
	A349	4522472	6/11/85	Liebert et al.	
	A350	4502934	03/05/1985	Gazard et al.	
	A351	4476210	10/9/84	Croucher et al.	
	A352	4450440	05/22/1984	White	
	A353	4438160	03/20/1984	Ishikawa et al.	
	A354	4419663	12/06/1983	Kohashi	
	A355	4419383	12/06/1983	Lee	
	A356	4418346	11/29/1983	Batchelder	
	A357	4390403	06/28/1983	Batchelder	
	A358	4368952	01/18/1983	Murata et al.	
	A359	4324456	04/13/1982	Dalisa	
	A360	4314013	2/2/82	Chang	

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Using as many sheets as necessary)

Sheet: 13 of 26

## Complete if Known

Application Number	10/711,829
Filing Date	October 7, 2004
First Named Inventor	Whitesides
Art Unit	2673
Examiner Name	Choi, William C.
Attorney Docket No.	H-396

## U.S. Patent Documents

Examiner Initials*	Cite No. *1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Locations Where Relevant Passages or Figures Appear
WC	A361	4311361	01/19/1982	Somlyody	
	A362	4305807	12/15/1981	Somlyody	
	A363	4298448	11/03/1981	Muller et al.	
	A364	4285801	8/25/81	Chiang	
	A365	4273672	6/16/81	Vassiliades	
	A366	4273672	6/16/81	Saxe	
	A367	4272596	06/09/1981	Harbour et al.	
	A368	4261653	04/14/1981	Goodrich	
	A369	4231641	11/04/1980	Randin	
	A370	4218302	8/19/80	Dalisa et al.	
	A371	4211668	7/8/80	Tate	
	A372	4203106	5/13/80	Dalisa et al.	
	A373	4166800	9/4/79	Fong	
	A374	4164365	8/14/79	Saxe	
	A375	4149149	4/10/79	Miki et al.	
	A376	4143472	03/13/1979	Murata et al.	
	A377	4143103	03/06/1979	Sheridon	
	A378	4126854	11/21/1978	Sheridon	
	A379	4126528	11/21/1978	Chiang	
	A380	4123346	10/31/78	Ploix	
	A381	4113362	9/12/78	Saxe et al.	
	A382	4093534	06/06/1978	Carter et al.	
	A383	4088395	05/09/1978	Giglia	
	A384	4071430	1/31/78	Liebert	
	A385	4068927	1/17/78	White	
	A386	4062009	12/06/1977	Raverdy et al.	
	A387	4045327	8/30/77	Noma et al.	
	A388	4041481	08/09/1977	Sato	
▼	A389	4023968	05/27/1977	Amidon et al.	
	A390	4001140	1/4/77	Foris et al.	

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Substitute for form 1449/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Using as many sheets as necessary)		Application Number	10/711,829
		Filing Date	October 7, 2004
		First Named Inventor	Whitesides
		Art Unit	2673
		Examiner Name	Choi, William C.
Sheet:	14	of:	26
		Attorney Docket No.	H-396

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Using as many sheets as necessary)

Sheet: 14 of: 26

## U.S. Patent Documents

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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.  
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet: 15 of: 26

## Complete if Known

Application Number	10/711,829
Filing Date	October 7, 2004
First Named Inventor	Whitesides
Art Unit	2673
Examiner Name	Choi, William C.

Attorney Docket No. H-396

## Foreign Patent Documents

Examiner Initials*	Cite No. *1	Document Number Country Code - Number - Kind Code (if known)	Publication Date	Name of Patentee or Applicant of Cited Document	Locations Where Relevant Passages or Figures Appear	T <sup>2</sup>
WC	B1	DE 195 00 694	08/08/1996	Hauck, Martin		
	B2	EP 0 281 204A2	9/7/88	H-305		
	B3	EP 0 404 545A2	12/27/1990	Japan Synthetic Rubber		
	B4	EP 0 443 571A2	8/28/91	Ube		
	B5	EP 1 145 072B1	05/07/2003	E Ink Corporation		
	B6	GB 1,314,906	04/26/1973	Matsushita		
	B7	GB 1,465,701	3/2/77	Plessey		
	B8	GB 2 306 229A	4/30/97	IBM		
	B9	JP 01-086117A	3/30/89	Nippon Mektron		
	B10	JP 01-114829A	5/8/89	Nippon Mektron		
	B11	JP 01-142537A	06/05/1989	Nippon Mektron		
	B12	JP 01-177517A	7/13/89	Kinseki		
	B13	JP 01-248182A	10/3/89	Nippon Mektron		
	B14	JP 01-267525A	10/25/89	Toyota		
	B15	JP 02-024633A	1/26/90	Motoyasu et al.		
	B16	JP 02-141730A	5/31/90	Hitachi		
	B17	JP 02-189525A	7/25/90	Hitachi		
	B18	JP 02-223934A	9/6/90	Nippon Mektron		
	B19	JP 02-223935A	9/6/90	Nippon Mektron		
▼	B20	JP 02-223936A	9/6/90	Nippon Mektron		

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet: 16	of: 26	Attorney Docket No. H-396
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## Complete if Known

Application Number	10/711,829
Filing Date	October 7, 2004
First Named Inventor	Whitesides
Art Unit	2673
Examiner Name	Choi, William C.

## Foreign Patent Documents

Examiner Initials*	Cite No. *1	Document Number Country Code - Number - Kind Code (if known)	Publication Date	Name of Patentee or Applicant of Cited Document	Locations Where Relevant Passages or Figures Appear	T <sup>2</sup>
WC	B21	JP 02-284124A	11/21/90	Nippon Mektron		
	B22	JP 02-284125A	11/21/90	Nippon Mektron		
	B23	JP 03-258866A	11/19/1991	Shin Etsu		
	B24	JP 05-061421A	3/12/93	Nippon Mektron		
	B25	JP 05-165064A	6/29/93	Nippon Mektron		
	B26	JP 05-173193A	7/13/93	Dai Nippon		
	B27	JP 05-173194A	7/13/93	Nippon Mektron		
	B28	JP 05-307197A	11/19/93	Nippon Mektron		
	B29	JP 06-089081A	3/29/94	Sony Tektronix		
	B30	JP 06-202168A	7/22/94	Nippon Mektron		
	B31	JP 07-036020A	2/7/95	Toray		
	B32	JP 07-146660A	6/6/95	NOK		
	B33	JP 08-234176A	9/13/96	Fuji Xerox		
	B34	JP 09-006277A	1/10/97	NOK		
	B35	JP 09-185087A	7/13/97	NOK		
	B36	JP 09-230391A	9/5/97	Fujikura		
	B37	JP 10-048673A	2/20/98	Fuji Xerox		
	B38	JP 10-149118A	6/2/98	NOK		
	B39	JP 10-161161A	6/19/98	Fuji Xerox		
▼	B40	JP 2000-066248	3/3/00	Sony		

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet: 17 of: 26

## Complete if Known

Application Number	10/711,829
Filing Date	October 7, 2004
First Named Inventor	Whitesides
Art Unit	2673
Examiner Name	Choi, William C.
Attorney Docket No.	H-396

## Foreign Patent Documents

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WC	B41	JP 2000-227612	8/15/00	Ricoh		
	B42	JP 51-130241A	11/12/76	Stanley Electric		
	B43	JP 53-073098	6/29/78	Matsushita		
	B44	JP 54-111368A	8/31/79	NEC		
	B45	JP 55-096922A	7/23/80	Sharp		
	B46	JP 55-105227A	8/12/80	Seiko Epson		
	B47	JP 59-098227A	6/6/84	Sharp		
	B48	JP 59-165028A	9/18/84	Nippon Paint		
	B49	JP 60-189731A	9/27/85	Nippon Paint		
	B50	JP 62-058222A	3/13/87	Ricoh		
	B51	JP 62-183439A	8/11/87	Ricoh		
	B52	JP 62-231930A	10/12/87	Stanley Electric		
	B53	JP 62-269124A	11/21/87	Ricoh		
	B54	JP 62-299824A	12/26/87	Ricoh		
	B55	JP 63-008637A	1/14/88	Ricoh		
	B56	JP 64-086118	03/30/1989	Nippon Sheet Glass		
	B57	JP 64-86116	3/30/89	Nippon Mektron		
	B58	PCT WO 00/05312	2/3/00	Cabot		
	B59	PCT WO 00/05704	02/03/2000	E Ink Corporation		
▼	B60	PCT WO 00/22051	4/20/00	Cabot		

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Substitute for form 1449/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Using as many sheets as necessary)</i>		Application Number	10/711,829
		Filing Date	October 7, 2004
		First Named Inventor	Whitesides
		Art Unit	2673
		Examiner Name	Choi, William C.
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		Attorney Docket No.	H-396

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Using as many sheets as necessary)

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## Foreign Patent Documents

Examiner Signature		Date Considered	
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet: 19 of: 26

### Complete if Known

Application Number	10/711,829
Filing Date	October 7, 2004
First Named Inventor	Whitesides
Art Unit	2673
Examiner Name	Choi, William C.

Attorney Docket No. H-396

### NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. *1	Document Citation	T <sup>2</sup>
WC	C1	Amundson, K., et al., "Flexible, Active-Matrix Display Constructed Using a Microencapsulated Electrophoretic Material and an Organic-Semiconductor-Based Backplane", SID 01 Digest, 160 (June 2001)	
	C2	Au, J. et al., "Ultra-Thin 3.1-in. Active-Matrix Electronic Ink Display for Mobile Devices", IDW'02, 223 (2002)	
	C3	Bach, U., et al., "Nanomaterials-Based Electrochromics for Paper-Quality Displays", Adv. Mater, 14(11), 845 (2002)	
	C4	Ballinger, D.O., "Magnetic recording paper is erasable", Electronics, March 1, 1973, pages 73-76	
	C5	Beers, K. L., et al., "Atom Transfer Radical Polymerization of 2-Hydroxyethyl Methacrylate", Macromolecules, 32, 5772-5776 (1999)	
	C6	Beilin, S., et al, "2000-Character Electrophoretic Display", SID 86 Digest, 136 (1986)	
	C7	Bohnke et al., "Polymer-Based Solid Electrochromic Cell for Matrix-Addressable Display Devices." J. Electrochem. Soc., 138, 3612 (1991)	
	C8	Boston Herald, "E Ink debuts in J.C. Penney Stores", May 3, 1999, page 27	
	C9	Bouchard, A. et al., "High-Resolution Microencapsulated Electrophoretic Display on Silicon", SID 04 Digest, 651 (2004)	
↓	C10	Bryce, M.R., "Seeing through synthetic metals", Nature, 335, 12 (1988)	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <small>(Using as many sheets as necessary)</small>		Application Number	10/711,829
Sheet: 20 of: 26		Filing Date	October 7, 2004
		First Named Inventor	Whitesides
		Art Unit	2673
		Examiner Name	Choi, William C.
		Attorney Docket No.	H-396

NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. *1	Document Citation	T <sup>2</sup>
WC	C11	Caillot, E. et al. "Active Matrix Electrophoretic Information Display for High Performance Mobile Devices", IDMC Proceedings (2003)	
	C12	Chen, Y., et al., "A Conformable Electronic Ink Display using a Foil-Based a-Si TFT Array", SID 01 Digest, 157 (June 2001)	
	C13	Chiang, A., "Conduction Mechanism of Charge Control Agents Used in Electrophoretic Display Devices", Proceeding of the S.I.D., 18, 275 (1977)	
	C14	Chiang, A., et al., "A High Speed Electrophoretic Matrix Display", SID 80 Digest (1980), 114	
	C15	Comiskey, B., et al., "An electrophoretic ink for all-printed reflective electronic displays", Nature, 394, 253 (1998)	
	C16	Comiskey, B., et al., "Electrophoretic Ink: A Printable Display Material", SID 97 Digest (1997), page 75	
	C17	Croucher, M.D., et al., "Electrophoretic Display: Materials as Related to Performance", Photog. Sci. Eng., 25, 80 (1981)	
	C18	Dalisa, A.L., "Electrophoretic Display Technology", IEEE Trans. Electron Dev., ED-24, 827 (1977)	
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet: 21 of: 26

**Complete if Known**

Application Number	10/711,829
Filing Date	October 7, 2004
First Named Inventor	Whitesides
Art Unit	2673
Examiner Name	Choi, William C.
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**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. *1	Document Citation	T <sup>2</sup>
WC	C21	Duthaler, G., et al., "Active-Matrix Color Displays Using Electrophoretic Ink and Color Filters", SID 02 Digest, 1374 (2002)	
	C22	Egashira, N., et al., "Solid electrochromic cell consisting of Lu-diphthalocyanine and lead fluoride", Proceedings of the SID, 28, 227 (1987)	
	C23	Fitzhenry, B., "Identification of a Charging Mechanism using Infrared Spectroscopy", Appl. Spectroscopy, 33, 107 (1979)	
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	C29	Henzen, A. et al., "Development of Active Matrix Electronic Ink Displays for Handheld Devices", SID 03 Digest, 176, (2003)	
↓	C30	Henzen, A. et al., "Development of Active Matrix Electronic Ink Displays for Smart Handheld Applications", IDW'02, 227 (2002)	

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**INFORMATION DISCLOSURE  
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Sheet: 22 of: 26

**Complete if Known**

Application Number	10/711,829
Filing Date	October 7, 2004
First Named Inventor	Whitesides
Art Unit	2673
Examiner Name	Choi, William C.
Attorney Docket No.	H-396

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. *1	Document Citation	T <sup>2</sup>
WC	C31	Hou, J., et al., "Active Matrix Electrophoretic Displays Containing Black and White Particles with Opposite Polarities", SID 01 Digest, 164 (June 2001)	
	C32	Jacobson, J., et al., "The last book", IBM Systems J., 36, 457 (1997)	
	C33	Ji, Y., et al., "P-50: Polymer Walls in Higher-Polymer-Content Bistable Reflective Cholesteric Displays", SID 96 Digest, 611 (1996)	
	C34	Jin et al., "Optically Transparent, Electrically Conductive Composite Medium", Science, 255, 446 (1992)	
	C35	Jo, G-R, et al., "Toner Display Based on Particle Movements", Chem. Mater., 14, 664 (2002)	
	C36	Kazlas, P. et al., "Card-size Active-matrix Electronic Ink Display", Eurodisplay 2002, 259 (2002)	
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	C38	Kitamura, T., et al., "Electrical toner movement for electronic paper-like display", Asia Display/IDW '01, page 1517, Paper HCS1-1 (2001)	
	C39	Lee, L.L., "Fabrication of Magnetic Particles Displays", Proceedings of the SID, 18, 283 (1977)	
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Application Number	10/711,829
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Examiner Name	Choi, William C.

Attorney Docket No. H-396

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. *1	Document Citation	T <sup>2</sup>
WC	C41	Macosko, C.W., <i>Rheology Principles, Methods, and Applications</i> , VCH Publishers, 1994, p. 481	
	C42	Milner, "Polymer Brushes", <i>Science</i> , 251, 905 (1991)	
	C43	Murau, P., et al., "An Electrophoretic Radiographic Device", <i>SID 79 Digest</i> , (1979) pages 46-47.	
	C44	Murau, P., et al., "The understanding and elimination of some suspension instabilities in an electrophoretic display", <i>J. Appl. Phys.</i> , 49, 4820 (1978)	
	C45	Negroponte, N., et al., "Surfaces and Displays," <i>Wired</i> , Jan. 1997, page 212	
	C46	O'Regan, B. et al., "A Low Cost, High-efficiency Solar Cell Based on Dye-sensitized colloidal TiO <sub>2</sub> Films", <i>Nature</i> , Volume 353, October 24, 1991, 773-740	
	C47	Ota, I., et al., "Developments in Electrophoretic Displays", <i>Proceedings of the SID</i> , 18, 243 (1977)	
	C48	Ota, I., et al., "Electrophoretic display devices", <i>Laser 75 Optoelectronics Conference Proceedings</i> , 145 (1975)	
	C49	Ota, I., et al., "Electrophoretic Image Display (EPID) Panel", <i>Proceedings of the IEEE</i> , 61, 832 (1973)	
↓	C50	Pankove, "Color Reflection Type Display Panel", <i>RCA Technical Notes</i> , March 1962, No. 535	

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Sheet: 24 of: 26

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Application Number	10/711,829
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Art Unit	2673
Examiner Name	Choi, William C.
Attorney Docket No.	H-396

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. *1	Document Citation	*2
WC	C51	Pansu, B., et al., "Structures of Thin Layers of Hard Spheres: High Pressure Limit," J. Physique, 45, 331 (1984)	
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	C53	Pearlstein, "Electroless Plating", in Lowenheim (ed.), Modern Electroplating, Wiley, New York (1976), pages 710-747	
	C54	Peiranski, P., et al., "Thin Colloidal Crystals," Phys. Rev. Lett., 50, 900 (1983)	
	C55	Peterson, I., "Rethinking Ink Printing the Pages of an Electronic Book," Science News, 153, 396 (June 20, 1998)	
	C56	Pitt, M.G., et al., "Power Consumption of Microencapsulated Electrophoretic Displays for Smart Handheld Applications", SID 02 Digest, 1378 (2002)	
	C57	Platt, C., "Digital Ink," Wired, May 1997, page 162	
	C58	Saitoh, M., et al., "A newly developed electrical twisting ball display", Proceedings of the SID, 23, 249 (1982)	
	C59	Sankus, "Electrophoretic Display Cell", Xerox Disclosure Journal, 6(3), 309 (1979)	
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Art Unit	2673
Examiner Name	Choi, William C.
Attorney Docket No.	H-396

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials* WC	Cite No. *1 C61	Document Citation Shiffman, R.R., et al., "An Electrophoretic Image Display with Internal NMOS Address Logic and Display Drivers," Proceedings of the SID, 1984, vol. 25, 105 (1984)	T <sup>2</sup>
	C62	Shiwa, S., et al., "Electrophoretic Display Method Using Ionographic Technology," SID 88 Digest (1988), page 61	
	C63	Singer, B., et al., "An X-Y Addressable Electrophoretic Display," Proceedings of the SID, 18, 255 (1977)	
	C64	Tanford, C., Physical Chemistry of Macromolecules, John Wiley and Sons, New York, 1961, pp. 293-296	
	C65	Tsubokawa, N., et al., "Polymerization of vinyl monomers in the presence of silica having surface functional groups", Colloid. Polym. Sci., 271, 940 (1993)	
	C66	Van Winkle, D.H., et al., "Layering Transitions in Colloidal Crystals as Observed by Diffraction and Direct-Lattice Imaging", Phys. Rev. A, 34, 562 (1986)	
	C67	Vance, D.W., "Optical Characteristics of Electrophoretic Displays", Proceedings of the SID, 18, 267 (1977)	
	C68	Vandegaer, J.E. (ed.), "Microencapsulation Processes and Applications", pp. v-x, 1-180 (Plenum Press, New York 1974)	
	C69	Vaz, N.A., et al., "Dual-frequency addressing of polymer-dispersed liquid-crystal films", J. Appl. Phys., 65, 5043 (1989)	
↓	C70	Wang, J.S. et al., "Controlled/Living' Radical Polymerization. Atom Transfer Radical Polymerization in the Presence of Transition-Metal Complexes", J. Am. Chem. Soc., 117, 5614 (1995)	

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**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. *1	Document Citation	T <sup>2</sup>
WC	C71	Wang, J-S, et al., "Controlled/Living' Radical Polymerization. Halogen Atom Transfer Radical Polymerization Promoted by a Cu(I)/CU(II) Redox Process", Macromolecules 1995, 28, 7901-7910	
	C72	Webber, R., "Image Stability in Active-Matrix Microencapsulated Electrophoretic Displays", SID 02 Digest, 126 (2002)	
	C73	White, R., "An Electrophoretic Bar Graph Display," Proceedings of the SID, 22, 173 (1981)	
	C74	Whitesides, T. et al., "Towards Video-rate Microencapsulated Dual-Particle Electrophoretic Displays", SID 04 Digest, 133 (2004)	
	C75	Wood, D., "An Electrochromic Renaissance?" Information Display, 18(3), 24 (March 2002)	
	C76	Yamaguchi, Y., et al., "Toner display using insulative particles charged triboelectrically", Asia Display/IDW '01, page 1729, Paper AMD4-4 (2001)	
	C77	Yang, Y., et al., "A new architecture for polymer transistors", Nature, 372, 344 (1994)	
	C78	Zehner, R. et al., "Drive Waveforms for Active Matrix Electrophoretic Displays", SID 03 Digest, 842 (2003)	
	C79	Zollinger, "Structures of Simple Di-Triarylmethine Dyes", in Color Chemistry: Syntheses, Properties and Applications of Organic Dyes and Pigments, 2nd Rev. Edition, VCH, Weinheim, p.73 (1991)	
↓	C80	Zurer, P., "Digital Ink Brings Electronic Books Closer," Chemical and Engineering News, July 20, 1998, page 12	

Examiner Signature	/William Choi/	Date Considered	06/06/2006
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